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Marshall Space Flight Center



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Tilt Table for Ergometers and Other Biomedical Devices

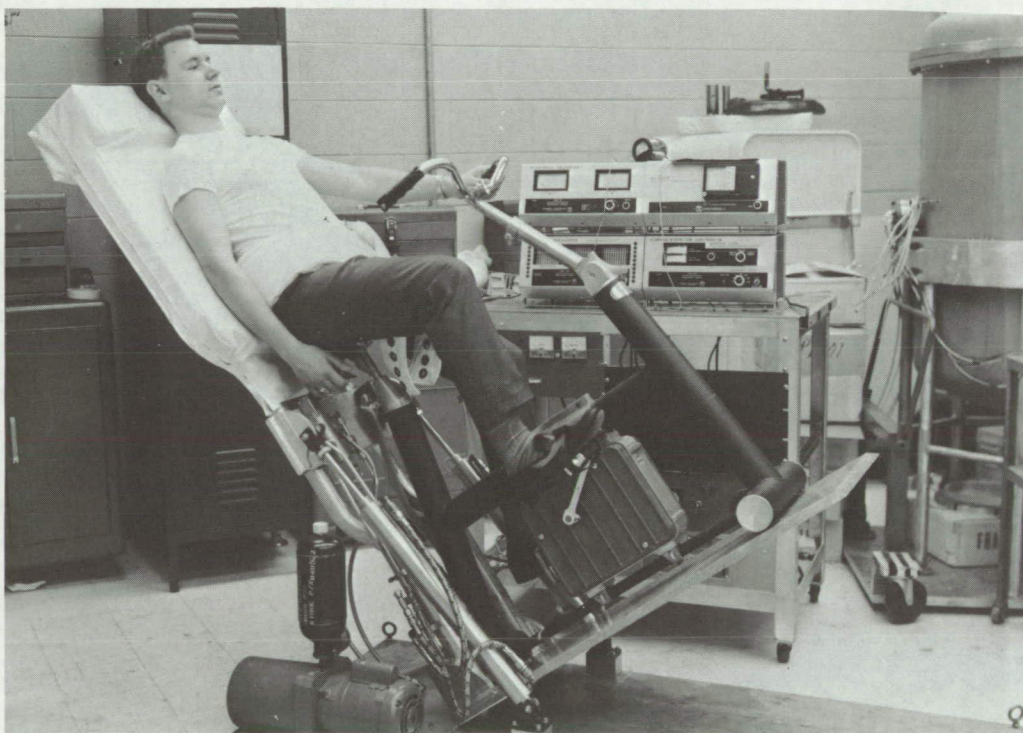


Table and Ergometer Tilted Backward

A tilt table for use with ergometers (see fig.) or other biomedical devices can be adjusted to any position between vertical and horizontal. The only earlier methods of adjustment involved clamping the ergometer to a wall or against a table.

The tilt table consists of a floor plate; a plate hinged to the floor plate, for carrying the ergometer; a hydraulic cylinder and piston on each side of the plates and linking them; a self-contained hydraulic system including a pump and a two-way valve; positive stops for limiting travel to $\pi/2$ rad;

a padded backrest and headrest; and a one-hand control. The complete setup also includes a constraint system.

Note:

No further documentation is available. Specific questions, however, may be addressed to:

Technology Utilization Officer
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Reference: B71-10241

(continued overleaf)

Patent status:

Inquiries about obtaining rights for the commercial use of this invention may be made to:

Patent Counsel

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